AVAYON

DVD/DivX PLAYER

Model: DXP-1000 G2

INSTRUCTION MANUAL

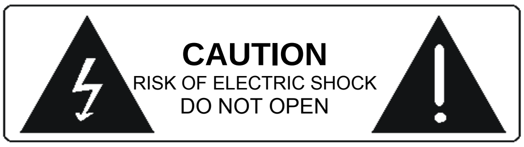
DivX / MPEG4 / DVD / MP3 / WMA / CD / Photo CD

Please read this manual before installation and use.

Table of Contents

WARNINGS

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PLAYER TO RAIN OR MOISTURE!

	**CAUTION:** To reduce the risk of fire and electric shock, do not remove the cover of the player. Refer servicing of the player to a qualified service technician only!
	This lightning flash arrow symbol in a triangle is intended to alert users to the presence of non-insulated high voltage within the player's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to a person.
	The exclamation point symbol in a triangle is intended to alert users to the presence of important operating and maintenance instructions in the literature accompanying the player.
CLASS 1 LASER PRODUCT	The marking of products using lasers is shown at the rear panel of the player and means the player has been classified as a Class 1 laser product utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the player.

REFER ALL SERVICING TO A QUALIFIED SERVICE TECHNICIAN ONLY!

IMPORTANT - READ THIS!

- ☐ Read through this instruction manual before installing and using the player.
- ☐ Do not touch the power plug with wet hands.
- ☐ When disconnecting the power cord from the power outlet, hold the plug. Do not pull the power cord.
- ☐ Before moving the player, remove the disc from the player's tray.
- ☐ Do not open the cover or touch any of the components inside the player.
- ☐ Do not install or operate the player under direct exposure to sunlight, or near objects that radiate heat. Doing so may lead to overheating and damage the player.
- ☐ Do not install or operate the player in overly moist or humid environments. Doing so may adversely affect the laser head.
- ☐ Install the player on flat surface with good air circulation. Do not cover the ventilation holes on the case. Doing so may cause the player to overheat and malfunction.
- ☐ Wipe the panel and case with a soft dry cloth only. Do not apply any kind of thinner, alcohol, or sprays, as they will damage the finish.

GENERAL INFORMATION

1. DivX Certification

By displaying the DivX® logo, we are demonstrating that AVAYON products have been tested and certified by DivXNetworks, the creators of DivX® video technology, and are capable of playing all versions of DivX® video content. DivX® Certified ensures that the DivX® content you attain and create can be played on your AVAYON DivX® Certified product.

Supports DivX V3.11, V4.x, V5.x and later files (without QPEL and GMC).

2. Nero Digital Standard Certification

The Nero Digital™ Standard Certified logo ensures consumers that the Nero Digital™ Standard content they create or download will play on the specified consumer electronics product. Nero Digital™ Standard is a revolutionary audio and video format based on MPEG-4 standard which reduces video to a fraction of their original size making it easier to share with family and friends while providing the highest quality playback on certified home electronics.

3. Disc and Format Compatibility

This player can play the following types of discs and formats:

- ☐ DVD single-sided/single-layer **or** single-sided/double-layer
- ☐ DVD-R / DVD-RW
- ☐ DVD+R / DVD+RW / DVD+R DL
- ☐ DivX® version 3.11, 4.xx, or 5.xx
- ☐ XviD
- ☐ CD-DA
- ☐ MP3
- ☐ CD-R
- ☐ CD-RW
- ☐ Photo CD (JPEG)
- ☐ WMA
- ☐ Nero Digital™ Standard

4. Disc Information

Disc type	**DVD**	**VCD**	**DIVX**	**CD**
Recording method	Digital / MPEG II	Digital / MPEG I	MPEG 4	Digital
Capacity	single-sided/single-layer 4.7GB = 2 hr single-sided/double-layer 8.5GB = 4 hr	650MB		650MB 74min
Disc size	12cm / 8cm	12cm		12cm / 8cm
Horizontal resolution	500 lines up	240 lines up		-
Subtitles	32	-	-	-
Sound tracks	8	2	-	-
Symbol	DVD VIDEO	VIDEO CD	DIVX VIDEO	COMPACT disc DIGITAL AUDIO

5. Features of a DVD Disc

Each DVD disc contains different combinations of features depending on the design and production of the disc. The following symbols represent some DVD features:

1 NTSC	Regional Code / Video Output System
DOLBY DIGITAL	Dolby Digital Surround
dts DIGITAL OUT	DTS Digital OUT
2	Number of audio tracks
2	Number of subtitles
16 : 9 LB	Screen modes
RESTRICTED	Child lock
2	Number of angles

6. Firmware Updates

There are several reasons why the firmware on the DXP-1000 G2 might require updating:

- To make an improvement to the player such as a new feature or function.
- To maintain compatibility with any future changes to the DivX or other disc formats.
- To address any incompatibilities or inconsistencies between various discs available in today's market.

As these improvements are made, a firmware update may be required. Go to www.avayon.com for firmware updates.

The unit can be updated by either of two methods:

- Download the updated firmware and record it to a CD. Then read the CD with the DXP-1000 G2. Complete the update by following the instructions on the TV screen.
- Download the updated firmware to a USB memory stick or MP3 player. Then connect the USB memory stick or MP3 player to the DXP-1000 G2 via the USB port. Complete the update by following the instructions on the TV screen.

  NOTE: Be sure the DXP-1000 G2 remains powered on during the updating process, or the DVD player will be damaged and cannot be used again.

  NOTE: Some features of this player are related to the DVD disc's software. Some features of this player cannot be performed if the disc does not support those features, or the required special settings. Check the features of the disc before playing it, or follow the instructions on the on-screen menu for the disc.

7. Care of Discs

- ☐ Video discs contain high-density compressed data that need proper handling.
- ☐ Hold the disc with fingers and thumb, holding the hole at center and the edge. Do not touch the disc surface!
- ☐ Do not bend or press the disc.
- ☐ Do not expose the disc to direct sunlight or any heat source.
- ☐ Store discs vertically in a cabinet, and under dry conditions.
- ☐ Clean the disc with a soft dry cloth only. Wipe the surface gently from the center to the edge. Do not apply thinner, alcohol, or sprays when cleaning.

PREPARING FOR INSTALLATION

Your Avayon DXP-1000 G2 comes carefully packaged from the factory with all the accessories you need to start enjoying high quality video entertainment right away.

1. Unpack the Player

The standard package contains the following items:

- ☐ DXP-1000 G2 DVD player
- ☐ Infrared remote controller
- ☐ AV cables
- ☐ Two AAA batteries
- ☐ Instruction manual
- ☐ Warranty Registration Card

2. Load Batteries into the Remote Control

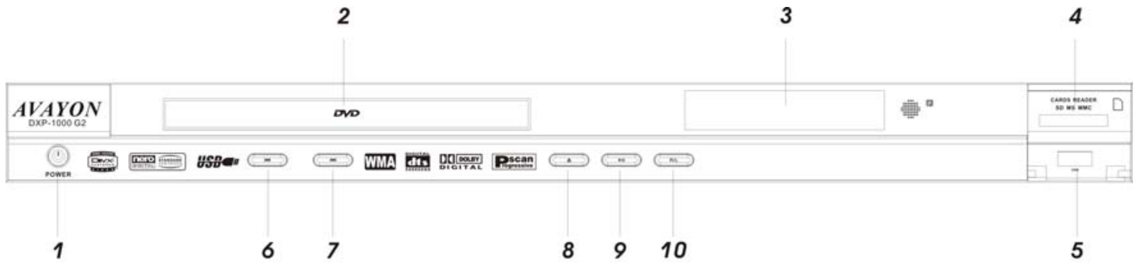
To load batteries into the supplied remote control, do the following:

- ☐ Remove the battery compartment cover.
- ☐ Load two AAA batteries into the battery compartment.
- ☐ Make sure that the batteries have been inserted with the correct polarities matching the symbols +, - as indicated inside the battery compartment.
- ☐ When replacing batteries, always replace both batteries. Do not mix new and used batteries, or the operating lifetime of the remote may be shortened.
- ☐ Do not dispose of batteries in normal rubbish. Be environmentally friendly and dispose of batteries according to your local government regulations.
- ☐ Remove the batteries if you do not intend to use the remote for a prolonged period of time.

PANEL DESCRIPTION

Familiarize yourself with the front panel and rear panel connections and controls before attempting to connect the DXP-1000 G2 to your audio/video system.

1. Front Panel

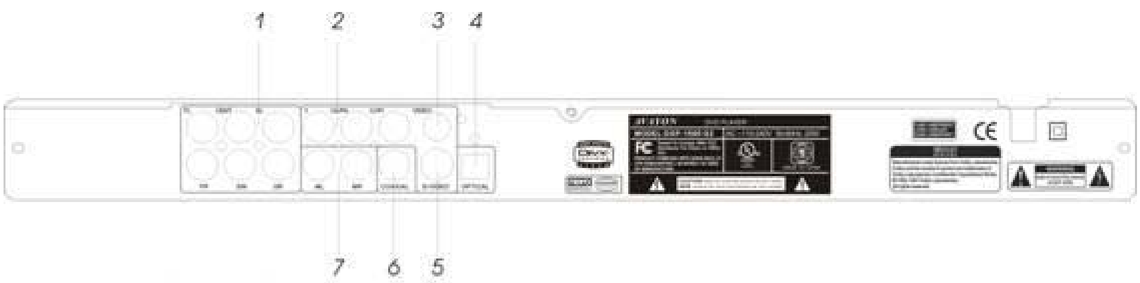


1. POWER
2. DISC TRAY
3. DISPLAY PANEL
4. CARD READER
5. USB READER
6. PREV
7. NEXT
8. OPEN/CLOSE
9. PLAY/PAUSE
10. R/L

NOTE: There are three types of memory cards supported by the DXP-1000 G2 card reader: SD, MMC, and MS. Please be sure to properly orient the card before gently inserting it into the card reader. The USB port can be used to connect either a USB memory stick, or an MP3 player.

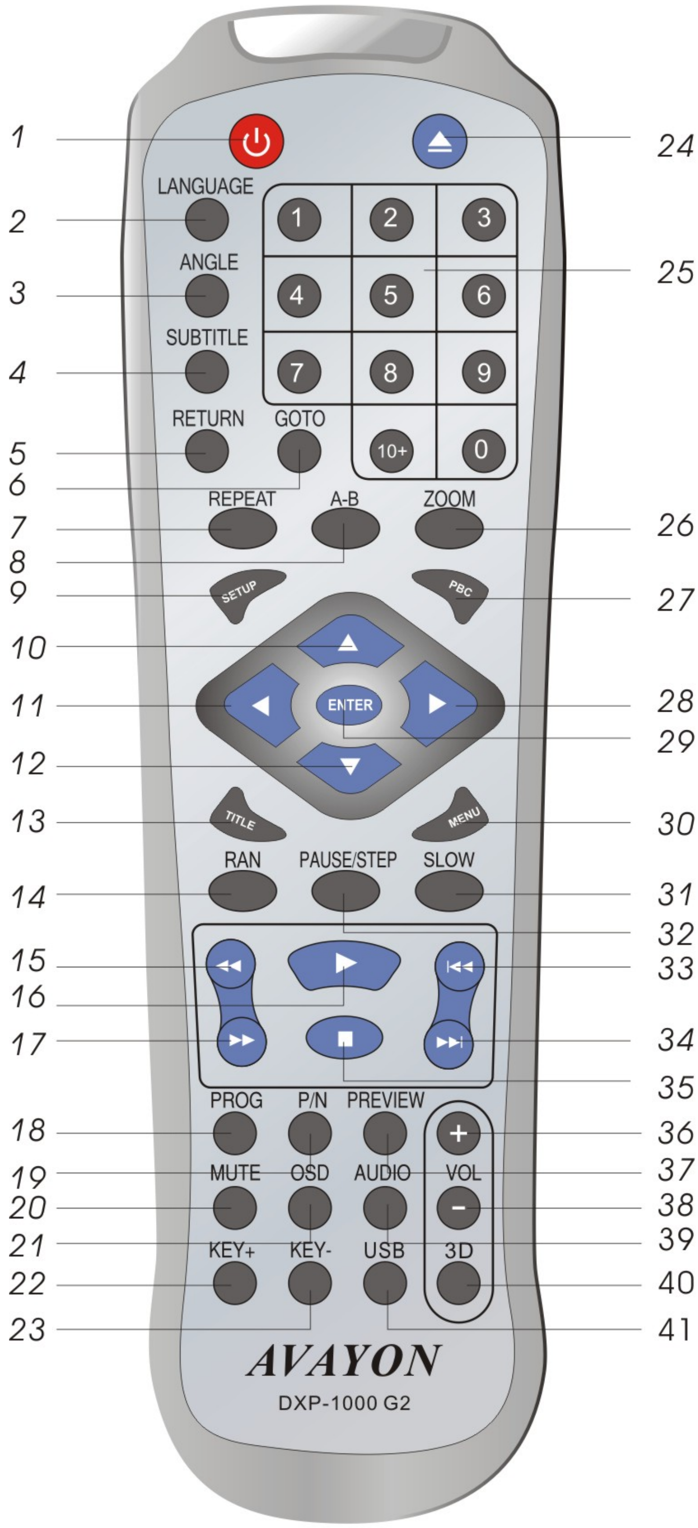
NOTE: The DXP-1000 G2 can play MP3, WMA, and JPEG files only through its USB and memory card reader. It cannot play video files through those ports.

2. Rear Panel



1. Analog Audio Output 5. 1
2. Component Video
3. Video Output
4. Optical Digital Audio Output
5. S-Video Output
6. Coaxial Digital Audio Output
7. Stereo Output

3. Remote Control



1. POWER
2. LANGUAGE
3. ANGLE
4. SUBTITLE
5. RETURN
6. GOTO
7. REPEAT
8. A–B
9. SETUP
10. UP
11. LEFT
12. DOWN
13. TITLE
14. RAN
15. REV
16. PLAY
17. FWD
18. PROG
19. P/N
20. MUTE
21. OSD
22. KEY+
23. KEY–
24. OPEN/CLOSE
25. NUMBERS
26. ZOOM
27. PBC
28. RIGHT
29. ENTER
30. MENU
31. SLOW
32. PAUSE/STEP
33. PREV
34. NEXT
35. STOP
36. VOL+
37. PREVIEW
38. VOL–
39. AUDIO
40. 3D
41. USB

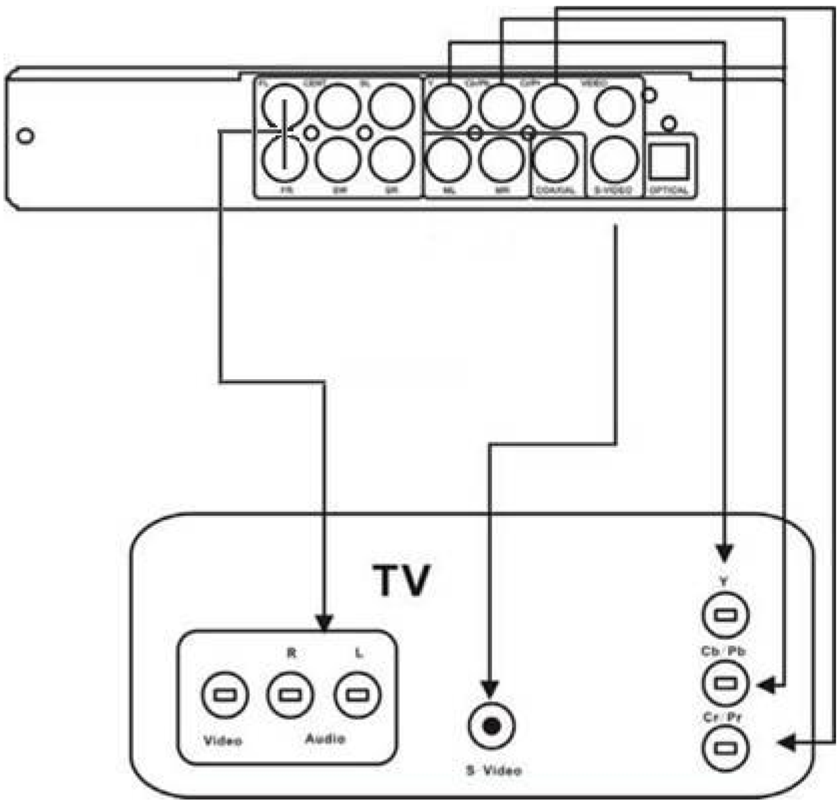
SYSTEM CONNECTIONS



DO NOT connect the AC power plug to the wall outlet before the system connections are completed.

1. Connecting to a TV Set

NOTE: One set of standard AV cables is included with the player.



- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable.

- ☐ Connect the player's Front Left (FL) and Front Right (FR) audio outputs to the TV's Left and Right audio inputs.

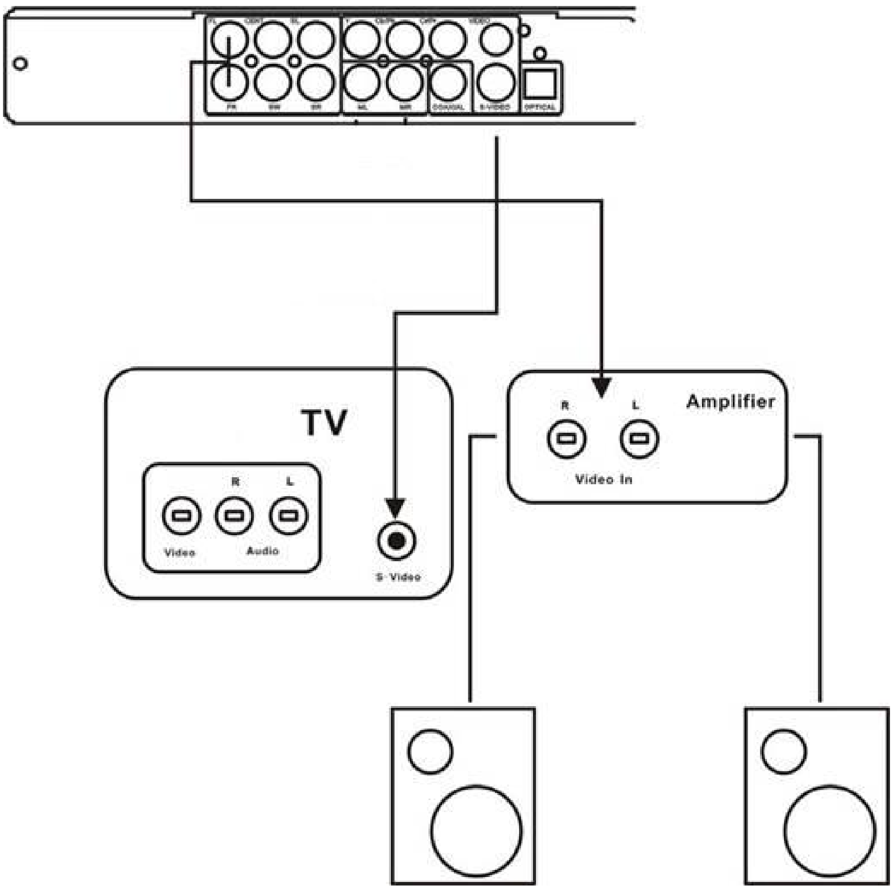
- ☐ If your TV has built-in YCbCr or YPbPr (Progressive Scan), you may connect these three sets of cables from unit's YCbCr/YPbPr video output to the TV's related video input. These connections allow you to enjoy higher quality video. If you want to select the Progressive Scan function, simply press VIDEO on the remote control for this mode of video output. Ensure that you have selected YPbPR as your VIDEO OUTPUT on the PREFERENCES PAGE.

NOTE: S-video and YUV (YPbPr/YCbCr) cables are not included with the player.

2. Connecting to a Stereo Amplifier

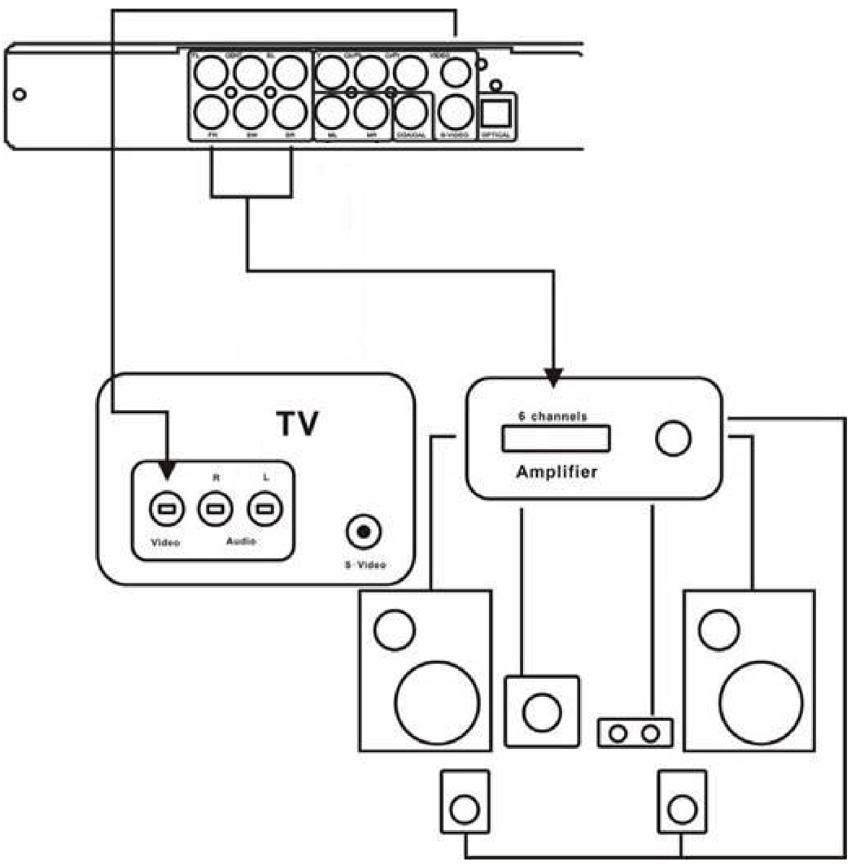
- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable (not supplied).

- ☐ Connect the player's Front Left (FL) and Front Right (FR) audio outputs to stereo amplifier's Left and Right audio inputs.



3. Connecting to a 5.1 Channel Amplifier

- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable (not supplied).
- ☐ Connect the player's 5.1 channel surround audio output (FL, FR, SL, SR, CEN, SW) to the 5.1 channel amplifier's audio input terminals, Front Left, Front Right, Surround Left, Surround Right, Center, and Sub-Woofer.



NOTE: An amplifier with 6-channel input and output is required. An AC3 decoder is not required.

NOTE: Connecting AC3/DTS digital outputs (Optical or Coaxial) to an AC3 or DTS decoding amplifier is also possible. See further instructions on the next page.

4. Connecting to an AC3 or DTS Decoding Amplifier

Your Avayon DXP-1000 G2 features a dedicated Digital Output. This important connection carries data to your receiver that processes multi-channel home theatre or music playback.

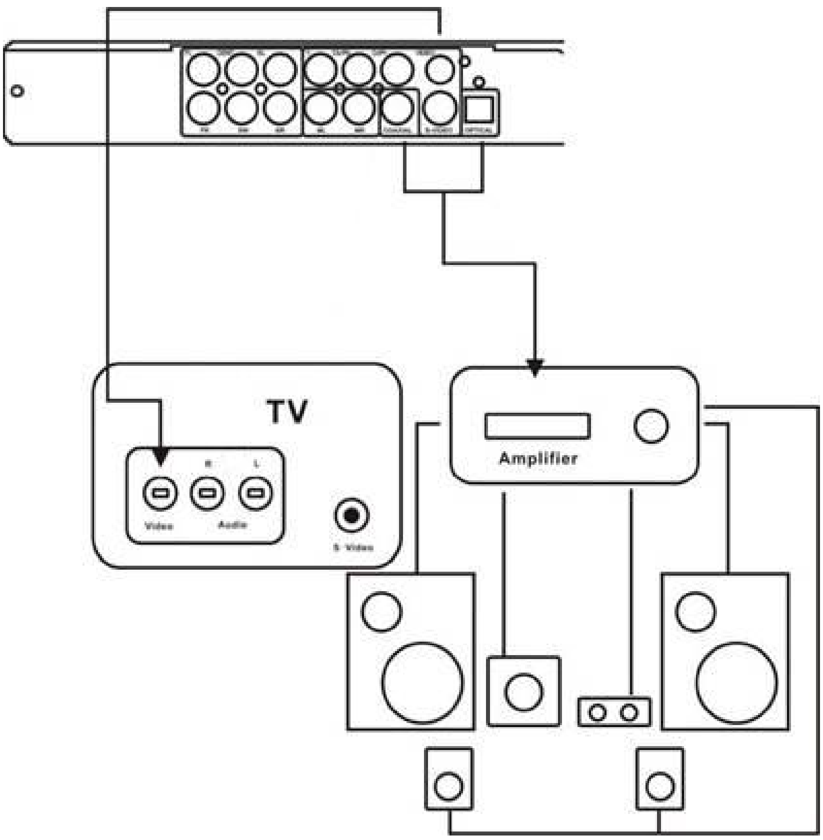
DTS (Digital Theater Systems)
In order to experience DTS Digital Surround, you will need a DTS-capable receiver (or add-on decoder plus amplifier) and 5.1 Channel speakers (Left, Center, Right, Stereo Surround, plus an LFE/subwoofer).

AC-3
Surround sound technology that delivers high-quality digital audio for up to 5.1 discrete channels (Left, Center, Right, Left Surround, Right Surround, Low-Frequency Effects). The five speaker channels produce a directional and more realistic effect. The Low-Frequency Effects (LFE) channel (usually reproduced through a subwoofer) can often be felt as well as heard.

- ☐ Connect the player's Video output to the TV's Video input terminal using the yellow plugs of the supplied AV cable. You may alternately connect the S-Video output of the player to the S-Video input of the TV using an S-Video cable (not supplied).

- ☐ Connect the player's digital audio output (Optical or Coaxial) to the AC3 or DTS decoding amplifier's digital audio input.

  - ❑ Press the SETUP button on the remote control to enter the player's SETUP MENU.
  - ❑ Press **^** / **v** buttons on the Remote Control to select AUDIO SETUP.
  - ❑ Press **^** / **v** buttons again to select SPDIF OUTPUT.
  - ❑ Press the **>** button and then the **^** / **v** buttons to select SPDIF/RAW.
  - ❑ Press the ENTER button to confirm the setting.



USING YOUR DXP-1000 G2

Once you have your player properly connected to your TV, or to your TV and amplifier, you can begin to play discs immediately. However, you may wish to customize your video and audio experience by selecting various options using the on-screen menus. Setup of these options is explained in the following sections.

1. How to Play a Disc

- **Switch on the power**
  Push the Power button on the front panel.

- **Setup the basic system connections**
  Once you have completed your basic system connections, ensure that you can observe the AVAYON screen on your TV. If you do not, visually check your cable connections and ensure that the correct settings have been selected on your TV for an external device like your player.

- **Load a disc**
  Press the OPEN/CLOSE button ⏏ on the remote, or the OPEN/CLOSE button on the front panel to open the disc tray. Load a disc into the tray and press the OPEN/CLOSE button again to close the disc tray. (Be sure to place the disc's label side up.)

- **Automatic Play**
  The player will take several seconds to read the disc data, display the disc type logo at the left upper corner of the TV screen, and then start playing automatically. (MP3 discs take longer to upload data on SMART NAVI Menu when loading.)

- **If a Disc Menu is displayed on the screen, do the following:**

  1. Press the ► button to start playing, or
  2. Press ⇧⇦⇨⇩ cursor on the remote control to select the desired item and then press the ENTER button to confirm.

     NOTE: A different kind of Disc Menu may be displayed on the TV screen depending on the design and production of the disc.

2. How to Use the Memory Card Reader and USB Port

- The DXP-1000 G2 comes with a front-panel memory card reader, as well as a USB port. These features allow you to playback image and audio files directly from MMC, MS, and SD memory cards, as well as from USB flash drives and MP3 players.

  NOTE: Before connecting or disconnecting a USB device, ensure that there is no disc in the disc tray.

- Make sure that your USB device is adequately powered (if required) to work properly and is switched on and ready BEFORE you turn on the DXP-1000 G2.

- When a USB device or memory card is connected, you will be presented with the same menu structure as you would if you using a CD/DVD.

  NOTE: Avayon tries very hard to achieve the highest compatibility; however we cannot guarantee that all USB devices and memory cards will work properly due to their designs and variety.

NOTE: With a USB device or memory card connected to the USB port or card reader, the DXP-1000 G2 can play MP3, WMA, and JPEG files. The player will play certain video files using the USB port and Memory Card reader.

3. Video Setup

The player's TV output color is selectable to either
PAL or **NTSC.**

If the TV set is NOT a multi video system, and the following is observed on the TV screen, it could be a result of the wrong color system matched to the TV set. Symptoms of a mismatch are,

- ☐ Picture is distorted
- ☐ Picture is black and white with no color
- ☐ Picture is not full screen, or the border portion of the picture is blocked

NOTE: The DVD Player is set to NTSC system output by default. If you are not playing in the U.S.A. or know you are on a PAL system, please change the output system of the player using the steps below.

1. Set the TV set's system to the proper setting, or

2. Change the DVD player's output system setting as following:
   - Press Open on the remote control and keep the DVD tray open, and then
   - Press SETUP on remote control,
   - Go to the PREFERENCES page
   - Select the TV Mode then choose Pal, NTSC, or Auto

NOTE: If the above steps DO NOT fix the problem, see the TROUBLESHOOTING section of this manual.

4. General Setup Page

1. Press the SETUP button on the remote control during STOP or PLAY mode to enter the on-screen SETUP MENU.
2. Use the cursor to select GENERAL SETUP. Press ENTER to display the GENERAL SETUP page.





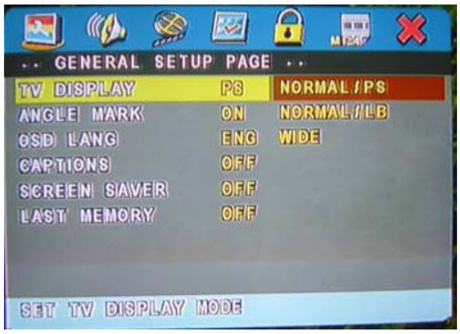
TV DISPLAY

Use the cursor to move to the desired setting and press ENTER to confirm.

NORMAL/PS – 4x3 Pan Scan
Full screen picture on TV. Normally, left and right edges are cropped.

NORMAL/LB – 4x3 Letter Box
Original aspect ratio with no cropping.

WIDE – 16:9 Widescreen



ANGLE MARK

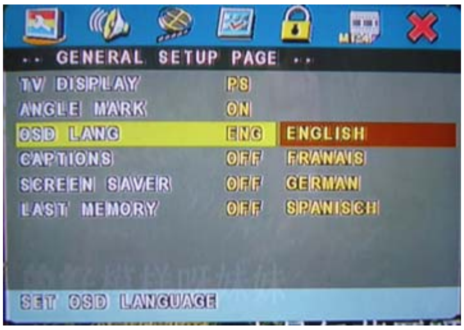
This feature functions only for discs which support the ANGLE function.

- When the ANGLE MARK is set ON, the screen displays the mark.
- When the ANGLE MARK is set OFF, the mark is not displayed.
- After you set the ANGLE MARK to ON, you can press the Angle button to change the view angle of the screen.



OSD LANG (ON SCREEN DISPLAY LANGUAGE)

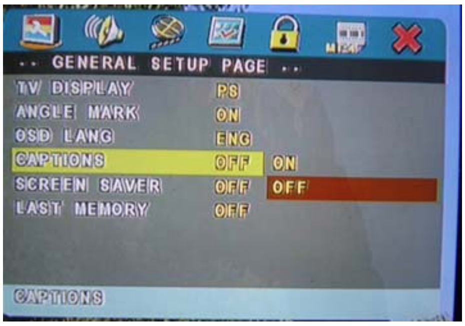
This feature allows you to choose from one of four languages that will be used to display menus and functions on the screen.



CAPTIONS

This feature allows you to turn on the CLOSED CAPTION feature. Closed Caption displays the spoken audio portion of a video as text on the screen if the disc supports it.

- ❑ Select ON to display captions.
- ❑ Select OFF to disable the display of captions.

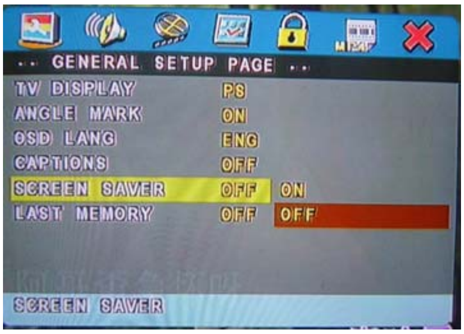


SCREEN SAVER (SCREEN SAVER)

When the player is stopped, and there is no operation, or a function button is pressed within one minute, the screen saver will appear.

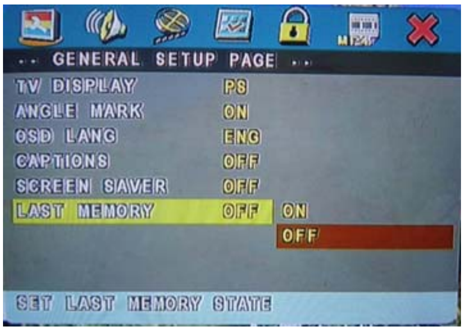
The screen saver is useful for protecting the TV screen from a phenomenon call burn-in.

- ❑ Select ON to activate the screen saver.
- ❑ Select OFF to disable the screen saver.



LAST MEMORY

When you choose ON under this item, the unit will resume to the prior playing content after power off.

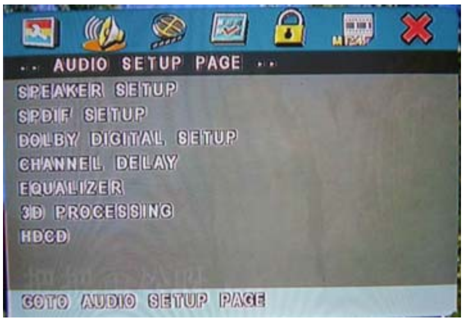


5. Audio Setup Page

SPEAKER SETUP

1. Press the SETUP button on the remote control during STOP or PLAY mode to enter the on-screen Audio Setup page.

2. Use the cursor to select SPEAKER SETUP. Press ENTER to display the SPEAKER SETUP page.





DOWNMIX

The DOWNMIX feature allows you to combine (mix) several discrete digital channels of audio into two channels. You would enable DOWNMIX if you did not have a 5.1 Channel audio system.

- LT/RT: Left and Right output mode (Either Left or Right channel Audio output while playing)
- V SURR: Virtual Surround: Stereo output mode
- OFF: Turn off the DOWNMIX mode. 5.1 Channel audio can be enabled only if DOWNMIX is set off and the rest of speaker setup is activated.

NOTE: The selections below allow for 5.1ch audio. These settings are only available if DOWNMIX is OFF and CENTER, REAR, and SUBWOOFER are ON. For 5.1ch audio, all connections including CEN, SW, SL, SR, FL, and FR have to connect between the DXP-1000 G2 Player and your amplifier by either optical or coaxial cable and SPDIF OUTPUT on the Audio Setup Page must be set to SPDIF/RAW.

CENTER

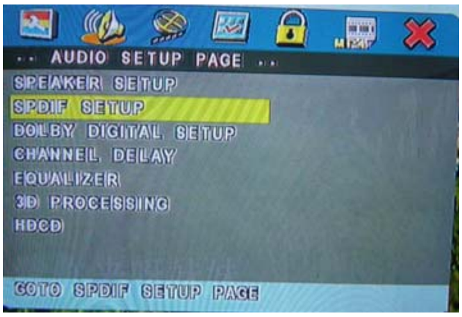


Set CENTER, REAR, and SUBWOOFER to ON only if you have your player connected to a 5.1ch surround sound system.

These speaker settings are used in conjunction with the DELAY settings on the next page to enhance the surround sound audio experience.

DTS 6.1ch output is supported using the six audio outputs, the optical connection, or the coaxial connection. Use the coaxial for best results. You must select SPDIF/RAW on the Audio Setup Page.

SPDIF SETUP





- ❑ SPDIF OFF: Audio signal is out from (FL/FR) AUDIO OUT (RCA) jacks.
- ❑ SPDIF/RAW: The player is connected to a Dolby Digital amplifier through DIGITAL OUT Coaxial or Optical jack. You must select this for either 5.1ch or DTS 6.1ch sound.
- ❑ SPDIF/PCM: The player is connected to a 2-channel digital mode or stereo amplifier through Coaxial or Optical jack.

DOLBY DIGITAL SETUP

- ❑ LINE OUT: Line out mode with digital dialog normalization, compress input linear signal. It is suitable to all television signal inputs.



DUAL MONO

Output mode of the L/R signals. Mix-mono can be set only if the DVD is playing in 5.1ch audio.

If your amplifier has Dolby digital output mode, you may choose STEREO, L-MONO, R-MONO, and MIX-MONO for the decoding method.



DYNAMIC

This function is generally used when playing high -volume programs at night, in order not to disturb a neighbor. This setting can dynamically lower the volume and still keep the original tone quality. This is the range, measured in decibels(dB), between the loudest and the quietest sound registers in a soundtrack.

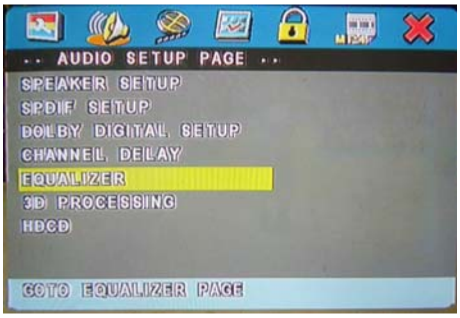


CHANNEL DELAY



This function is available when you have your player connected to a 5.1ch surround sound system. These settings are used to enhance the surround sound audio experience.
DTS 6.1ch output is supported using the six audio outputs, the optical connection, or the coaxial connection. Use the coaxial for best results. You must select SPDIF/RAW on the Audio Setup Page.

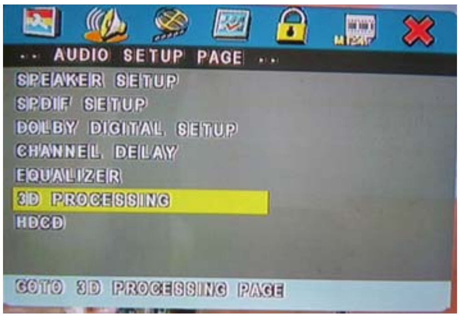
EQUALIZER



Four items under this title are available: EQ TYPE, BASS BOOST, SUPER BASS and TREBLE BASS.



3D PROCESSING



Two items under this title, PRO LOGIC II and REVERB MODE. Dolby ProLogic Surround Sound is an analog technology that encodes four channels of sound onto two stereo tracks.

Select Dolby ProLogic Surround either ON, OFF, or AUTO. If you choose AUTO, your player will detect ProLogic capability and decode it automatically.



HDCD

Please choose the sampling frequencies of the digital filter. The higher the sampling frequencies are, the clearer the audio quality will be. For HDCD playback, please choose 1X or 2X.



6. Video Setup Page

Four items under this title are COMPONENT, TV MODE, QUALITY and DivX VOD.





TV MODE

TV MODE refers to the video standard used, and this setting must be the same for both your player and TV.

NOTE: Please note that the TV MODE and QUALITY items are available when the COMPONENT is set as YUV. Under TV MODE, you can choose TV MODE from PROGRESSIVE or INTERLACE.



QUALITY

Under QUALITY item, you can change the SHARPNESS, BRIGHTNESS, CONTRAST, GAMMA, HUE, SATURATION and LUMA DELAY.



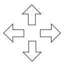


DivX VOD

Avayon provides you the DivX® Video On Demand (VOD) registration code that enables you to rent and purchase videos using the DivX® VOD service. For more information about Video On Demand, visit www.divx.com/vod.

To locate your VOD registration code, do the following:

1. Press the SETUP button on the remote control during STOP or PLAY mode to enter the on-screen SETUP MENU.

2. Use the  cursor to select DivX VOD. Press ENTER to display the DivX VOD.

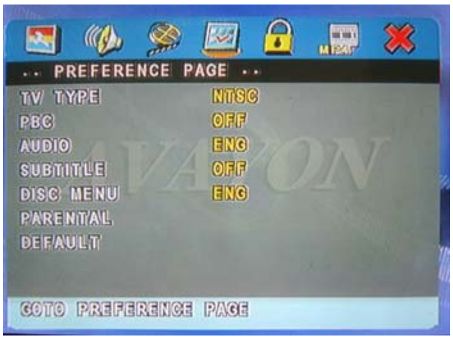
3. Write down the 8-digit DivX registration code.





7. Preference Page

Please remove any disc you may have in the disc tray before attempting to select Preferences from the menu. Making changes to the DXP-1000 G2 Player's preferences requires that the disc tray be empty.



TV TYPE

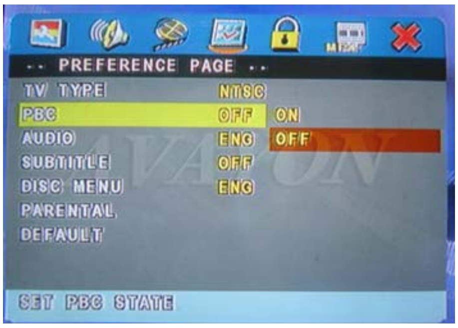
TV TYPE refers to the video standard used, and this setting must be the same for both your player and TV. The default setting for the player is NTSC.

Only select MULTI if you know that your TV is a multi-video system. Otherwise choose either NTSC or PAL depending on your country's standards.



PBC

PBC function is only available when playing a VCD disc. It cannot be used when playing a DVD.



LANGUAGE SELECTION

The LANGUAGE SELECTION menus on the PREFERENCE PAGE allow you to take advantage of certain language options that may be available as a feature on your DVD. Some DVDs have multi-language capability which you can access through these screens. Alternate languages provided on the DVD, can either be listened to, or read as subtitles on the screen without changing the audio.





Also embedded in many DVDs is the capability of changing to a different language on the DVD Menu. You can access this capability by choosing the language of your choice from the DISC MENU selection on the PREFERENCE PAGE.



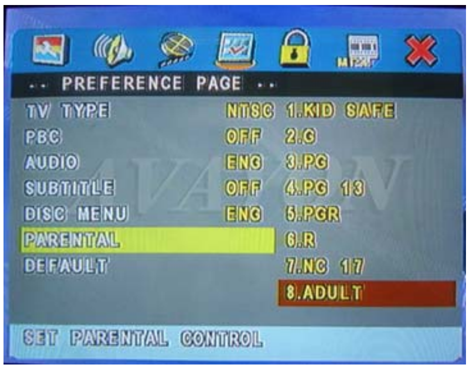
PARENTAL CONTROL

The Parental Control feature allows you to limit unsupervised viewing of DVD movies on the player. You do this by selecting the highest rating to be viewed without having to enter a password.

For example, if you select PG-13, movies rated PG-13, PG, and G can be viewed without having to enter a password.

- Select an appropriate movie rating. The disc cannot be played if it is rated higher than the rating set.

- Go to the PASSWORD VERIFY PAGE to input your password after selection of Parental rating.



NOTE: Different countries may use a different age range and standards in their rating systems. Ensure that you have selected the correct locale (see previous page) for the country you are in.

8. Password Setup Page

The password used to access changes to the Parental Control can be changed by clicking on PASSWORD and selecting CHANGE. The DXP-1000 G2 comes with a default password of **136900**.

You may enter any combination of four numbers to create a new password.



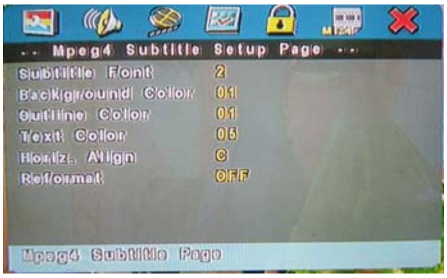






9. MPEG4 SUBTITLE SETUP PAGE

On this page, there are six items for setting up MPEG4, DivX, and Nero Digital™ Standard movie files. You can change the Subtitle font, Background color, Outline color, Text color, and related items which are special functions for DivX, MPEG4, and Nero Digital™ Standard movie files.



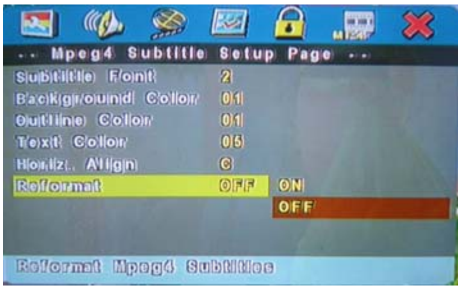












EXIT

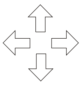
Choose this item to exit the setup page.



BASIC OPERATION

Function Key	Description
⏻	This key allows you power on/off the unit.
⏏	**OPEN / CLOSE DISC TRAY** If you open the disc tray when a DVD is playing (do not press the STOP button ■), the player will memorize the stopped position. When the same disc is loaded again, the player will continue playing from the position that it stopped. (If another disc has been loaded, the last memory will be cleared.)
⏭ ⏮	**SKIP FORWARD** **SKIP BACKWARD** Pressing these buttons while playing a video skips ahead or back to the next or previous chapter. While playing an MP3 disc, these buttons skip to the next or previous track.
L/R	Change the Right /Left channel.
RESUME	Press the STOP button and then press the PLAY button to resume. If you are stopped for an extended period of time, it will be necessary to hold down the PLAY button a little longer until the player resumes.

FUNCTION KEYS

Function Key	Description
PBC	**PLAYBACK CONTROL (only for VCD playback)** Press PBC to toggle PBC ON or OFF. When it is set to OFF, the VCD will be playing automatically after you insert the disc. When it is set to ON, it will show a menu of different movies that are recorded onto the VCD. Use the numerical keys to select the movie to be viewed. Please note, PBC will only work on version 2.0 VCDs.
ENTER	**CONFIRM AN ENTRY** **Confirm a setting entry in the Player / Disc's Function Menu.**
	**CURSOR** Press the buttons UP, DOWN, LEFT, RIGHT in the Player / Disc's Function Menu to move from one selection to another.
RETURN	**RETURN TO THE MAIN MENU WHILE PLAYING VCD**
NUMERIC KEYS	**PROGRAM NUMBER ACCESS** Input one to two digits for chapter or track number, then press the ENTER button to start the viewing at the selected chapter or track.

<table>
<tr><th>Function Key</th><th>Description</th></tr>
<tr><td>GOTO</td><td>
GOTO SEARCH

Press the button to enter the SEARCH mode, to select playing at a desired section. The Menu Bar displays as follow:

TITLE 01 / 20 CHAPTER 01 / 010

DVD mode
Press the CURSOR button to select search mode, Title, Chapter and Time modes:

Title → Chapter → Time (→ back to Title)

Other disc types mode
Press the CURSOR button to select search mode, Track and Time modes:

Track → Time (→ back to Track)
</td></tr>
<tr><td>REPEAT</td><td>
REPEAT PLAYBACK
CHAPTER / TITLE (TRACK / DISC)

Repeat playing a selected CHAPTER /TITLE of DVD disc, or TRACK / DISC of other disc types.

DVD mode
Repeat pressing the button to select REPEAT mode, CHAPTER / TITLE:

Chapter → Title → Disc → Off (→ back to Chapter)

Other disc types mode
Repeat pressing the button to select REPEAT mode, TRACK / DISC:

Track → Disc → Off (→ back to Track)

NOTE: PBC must be set to OFF.

To clear the menu bar, press the DISPLAY button.
</td></tr>
</table>

Function Key	Description
A – B	**REPEAT SECTION A → B** Repeat playing back a selected section A → B **A → Start** Press the button at the beginning of the desired section A. **→ B End** Press the button at the end of the desired section B. **Cancel the setting** Press the button again to switch Off the setting, and return to normal play. To clear the menu bar display, press the DISPLAY button.
PROG	**PROGRAM SETTING** Programming the play of selections on a disc (VCD, DVD and MP3) in a desired sequence. The player memorizes a disc program setting, and recognizes a memorized disc program automatically when the disc is loaded. **1. Playback a Program** Press the PLAY button after setting the program. **2. Set a Program** Press the PROG button and numeric keys to select a track, and press the ENTER button to set the programmed track. PROGRAM P 00 : 00 Title number Program order For example : Press 2 → P 01 : 02 then Press 5 → P 02 : 05 then Press 1 → P 03 : 01 **NOTE:** A DVD DISC CANNOT BE PROGRAMMED.
MENU	**DISC MAIN MENU** Stop the player, return back to the Disc Menu, or to the beginning of the disc.

Function Key	Description
MUTE	**TURN OFF THE VOLUME**
ZOOM	**ZOOM PICTURE** Enlarge the picture to 4 times normal. In the ZOOM mode, press  to adjust the position of image on the screen.
SLOW The unit is Muted when slow is pushed	**SLOW MOTION** Repeat pressing the button to change the SLOW motion speed, or back to normal PLAY mode. The player is muted when the SLOW button is pushed.
STEP	**TO PLAY THE DISC IN STEP MODE**
TITLE	**GO TO DVD DISC TITLE MENU (DVD DISC ONLY)**
SUB TITLE	**SUB TITLE LANGUAGE** Press the SUBTITLE button to switch the subtitle language.
ANGLE	**VIEW ANGLE** Repeat pressing the button to select different VIEW ANGLES available from the DVD disc.
AUDIO	**DVD AUDIO TRACK** Repeat pressing the button to select up to 8 dialogues available from DVD disc.

Function Key	Description
USB	**Choose to play files in USB devices (USB Sticker,MP3 player or MP4 player)**
SETUP	**GO TO SETUP MENU**
- +	**AUDIO VOLUME** Press + or - to increase or decrease the audio volume.

TROUBLESHOOTING and CUSTOMER SUPPORT

If you should have any problem with this player, check this list for a possible solution before calling for service.

Symptom	Check and Action
No power	1. Check that the power cord has been properly connected to the wall outlet. 2. Check the power switch has been pushed in on the front panel.
Does not play	1. No disc. Load a disc. 2. Disc has been loaded upside down. Place the disc with the label side up. 3. Disc's zone/regional code does not match the player. 4. Disc is not of the correct type. 5. Disc is damaged or dirty. Clean the disc, or try another disc. 6. Moisture may be condensed inside the player. Remove the disc and leave the player powered on for one or two hours before trying again.
No picture	1. Check that the TV is powered on, and the correct AV mode is selected. 2. Check that the system connections are secure. 3. Check if the connection cables are damaged. 4. Clean the disc.
Picture noise / distorted	1. Disc is damaged or dirty. Clean the disc, or try another disc. 2. Reset the color system (NTSC or PAL) of the DVD player, or the TV set. 3. Connect the player directly to the TV instead of via a component like a VCR.
Picture not full screen	1. Select the proper screen format through the on-screen menu. Enter SETUP MENU → (TV DISPLAY). 2. Select the proper screen format from DVD disc menu.
Cannot SKIP or SEARCH	1. Some discs are programmed to not allow users to SKIP or SEARCH some sections, especially at the beginning of the WARNING screen. 2. A single Chapter disc cannot access the SKIP function.
No sound or Sound output not complete	1. Check that the TV and amplifier have been powered on and are correctly set. 2. Check that the TV and amplifier system connections are secure. 3. Press the AUDIO button and select other audio tracks on the disc. 4. Check if the MUTE function of the DVD, TV, or amplifier has been activated. 5. There will be no sound output during REVERSE PLAY / PAUSE / STEP / SLOW / SEARCH.
No surround sound	Check if the audio output has been changed to Analog.

Symptom	Check and Action
MP3 disc plays no sound or noise	1. When program files or other data files are mixed with MP3 files on the same disc, the player may play the non-MP3 files with noise or no sound. 2. Check the disc to verify if all the files on disc are MP3 files. 3. Skip the file and try another file.
Remote control does not function	1. Remove any obstacles between the remote control and the player. 2. Point the remote directly at the remote sensor on the player (located to the right of the disc tray). 3. Check the batteries in the remote control and ensure they are inserted with the correct polarities. 4. Replace the batteries of the remote control.
Subtitles stop when second DivX video starts	Subtitle file must be loaded using the remote control prior to DivX video file.
Subtitles don't match second DivX video file	Original subtitle file must be split to match the second DivX video file. The subtitle file can be split using third-party software.
Subtitles not playing with DivX video file	Load subtitle file using the remote control prior to playing DivX video file.
Audio/Video out of sync when playing a DivX video file	1. Scan forward or backwards a few frames. 2. Press "ENTER" using the remote control.
OSD shows "Resolution Too High"	Maximum resolution must not be greater than 720x480.
Some Xvid / Divx Video Files won't play	Files are not properly encoded to meet the "Standards" for consumer player use.
Won't play disc with personal labels	Remove self-applied label. Self-applied labels will unbalance the disc.

NOTE: If you cannot resolve your installation or operation problem with our self-help Troubleshooting, access Customer Support at http://www.avayon.com/support for both Warranty and Out of Warranty support and repairs.

SPECIFICATIONS

Type of Disc	DVD DVD-R / DVD-RW DVD+R / DVD+RW DVD+R DL DivX version 3.11, 4.xx, or 5.xx CD-DA CD MP3 CD-R / CD-RW PHOTO CD (JPEG)
Video Format	MPEG 1, MPEG 2, MPEG 4
Audio Format	MPEG 1, LAYER 1, LAYER 2, LAYER 3
Signal Output	Color System : NTSC / PAL Audio System : AC3 decoded 5.1 channels output / digital output / DTS digital output Video Output : 1Vpp (at 75 ohm) Audio Output : (Stereo): 2Vpp Audio Output : (5.1 channels): 0.5Vpp
Frequency Response	CD: 4Hz – 20KHz (EIAT) DVD: 4Hz – 22KHz (48K) 4Hz – 44KHz (96K)
S/N Ratio	> 92db
THD	<0.04%
Output Terminals	S-Video output x 1 AC3 5.1 channel x 1 Optical digital output x 1 Coaxial digital output x 1 YCbCr / YPbPr output x 1
Power Input	110 - 240VAC 50Hz/60Hz 25W

AVAYON Technologies DVD Player One-Year Limited Warranty

Last Revised: 12SEP2007

BEFORE YOU CONTACT *AVAYON* FOR WARRANTY SUPPORT,
READ YOUR USER MANUAL

Players purchased from *AVAYON* in the United States are warranted to be free from defects in materials or workmanship for a period of one (1) year ("Warranty Period") from the date of their original retail purchase ("Effective Date"). If the unit fails to conform to this warranty, *AVAYON* will repair the Player using new or refurbished parts, or replace the entire Player with a new or refurbished Player.

TO ENSURE WARRANTY SERVICE, KEEP THE DATED SALES RECEIPT AS EVIDENCE OF THE PURCHASE DATE. Also, be sure to register for warranty either through returning the completed mail-in card found in the shipment box, or on line at www.ayayon.com/support

To obtain warranty service in the U. S., you must also go to www.avayon.com/support and access customer support or call 603 891-1241 9:00am-5pm EST. You will be required to provide the model, serial number, and date of purchase.

AVAYON retains the right to assess all warranty claims and to determine if damages are covered by this warranty. In case of a claim that is not covered by the warranty, you will be contacted to determine if *AVAYON* should repair the damage for a fee, or if the product should be returned to you as received by the service center.

During a period of ninety (90) days from the Effective Date, *AVAYON* will provide service labor to repair a manufacturing defect at its designated service center at no charge to you. If a defective part is replaced after ninety (90) days from the Effective Date, you pay labor charges for the repair.

For one (1) year from the Effective Date, *AVAYON* will use new or refurbished parts for repairs. Such replacement parts are warranted for the remaining portion of the original Warranty Period.

During the Warranty Period, *AVAYON* will, at its option and sole discretion, repair or replace defective parts, including replacement of the entire Player. You will be required to ship the unit to the service center indicated at the time you contact *AVAYON* customer service for warranty support. You are responsible for all transportation charges to and from the service center and for all loss or damage during transport. *AVAYON* is not responsible for the de-installation or re-installation of the player.

NOT COVERED BY THIS ONE-YEAR LIMITED WARRANTY

This warranty does not cover defects, malfunctions or failures resulting from shipping or transit accidents, abuse, misuse, operation contrary to furnished instructions, operation on incorrect power supplies, operation with faulty associated equipment, modification, alteration, improper servicing from anyone other than an *AVAYON* authorized service center, tampering, normal wear and tear, if the serial number has been removed/defaced, or deterioration of the external cabinet.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE.

AVAYON'S LIABILITY FOR ANY AND ALL LOSSES AND DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING OUR NEGLIGENCE, ALLEGED DAMAGE OR DEFECTIVE GOODS, WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PLAYER. WE SHALL NOT BE RESPONSIBLE FOR LOSS OF USE, COMMERCIAL LOSS, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES.